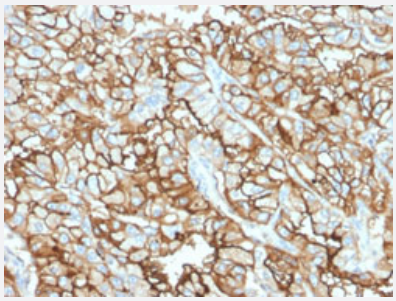
MME monoclonal antibody, clone MME/1870

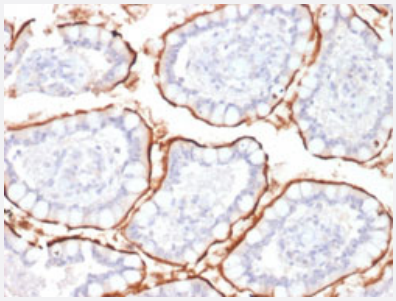
Catalog # MAB21309 Size 100 ug

Applications



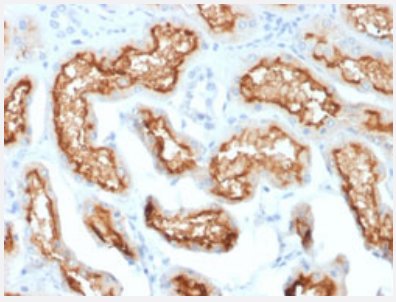
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human renal cell carcinoma.



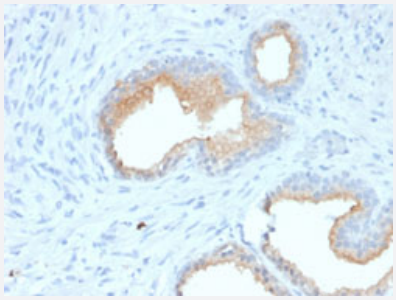
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human prostate.

Specification

Product Description	Mouse monoclonal antibody raised against partial human MME.
Immunogen	Recombinant protein corresponding to amino acids 297-483 of human MME.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2c, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human renal cell carcinoma.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human colon.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human kidney.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human prostate.

Gene Info — MME

Entrez GeneID	4311
Protein Accession#	P08473
Gene Name	MME
Gene Alias	CALLA, CD10, DKFZp686O16152, MGC126681, MGC126707, NEP
Gene Description	membrane metallo-endopeptidase
Omim ID	120520
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). This protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a 100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5' untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing. [provided by RefSeq
Other Designations	atriopeptidase|common acute lymphocytic leukemia antigen|enkephalinase|membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase)|membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)|membrane metallo-endopeptidase

Pathway

- Hematopoietic cell lineage
- Renin-angiotensin system

Disease

- Alzheimer disease
- Anorexia Nervosa
- Atherosclerosis
- Brain Injuries
- Bulimia
- Calcinosis
- Cardiovascular Diseases
- Coronary Artery Disease
- Diabetes Complications
- Genetic Predisposition to Disease
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis